

CLAIMS

What is claimed is:

1. - An individualized network information delivery system,
5 comprising:
a data source interface module;
a data worker module; and
a data event destination module;
said individualized network information delivery system
10 having an event-driven architecture; and
said data worker being abstract from said data source
interface module.
2. The individualized network information delivery system
15 according to claim 1, wherein:
said data event destination module interface with a short
messaging system.
3. The individualized network information delivery system
20 according to claim 1, wherein:
said data worker is abstracted from said data event
destination module.
4. The individualized network information delivery system
25 according to claim 1, wherein:
said data worker includes a query engine.

5. The individualized network information delivery system according to claim 4, wherein:

said query engine is adapted to query a web page for content.

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6. The individualized network information delivery system according to claim 4, wherein:

said query engine is adapted to query a database for content.

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7. The individualized network information delivery system according to claim 6, wherein:

said query utilizes a JDBC protocol.

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8. The individualized network information delivery system according to claim 4, wherein:

said query engine is adapted to query an email account.

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9. The individualized network information delivery system according to claim 4, wherein:

said query engine to parse said content into a format more convenient for said data worker.

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10. The individualized network information delivery system according to claim 1, further comprising:

a formatter module to format said content into XSL information.

11. The individualized network information delivery system according to claim 1, wherein:

said data event destination module provides XML information to a destination device.

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12. The individualized network information delivery system according to claim 1, wherein said data source interface module comprises:

a protocol converter to convert a protocol of said source data into an XML data stream.

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13. The individualized network information delivery system according to claim 12, wherein:

said XML data stream is a read by said data event destination module one byte at a time.

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14. The individualized network information delivery system according to claim 1, wherein:

data from a data source communicating with said data source interface module is HTML format data.

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15. The individualized network information delivery system according to claim 1, wherein:

data from a data source communicating with said data source interface module is email, said data source interface module utilizing an IMAP protocol to query an Email account as a source.

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16. The individualized network information delivery system according to claim 1, wherein:

data from a data source communicating with said data source interface module is an XML format document.

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17. The individualized network information delivery system according to claim 1, wherein:

a data source communicating with said data source interface module is a news server, data from said data source being communicated to said data source interface module utilizing an NNTP protocol to query said news server.

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18. The individualized network information delivery system according to claim 1, wherein:

a data source communicating with said data source interface module is a Vcalendar database.

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19. The individualized network information delivery system according to claim 1, wherein:

a data source communicating with said data source interface module is a Lotus database.

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20. The individualized network information delivery system according to claim 1, wherein:

a data source communicating with said data source interface module is an SNMP MIB.

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21. The individualized network information delivery system according to claim 1, wherein:

said data source interface module presents a data source with a stylesheet defined in an extensible Stylesheet Language (XSL).

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22. An individualized network information delivery system, comprising:

a data worker module dedicated to an individual user; and
a data destination interface module;

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said data worker module being adapted to generate an event listener to monitor source data at the behest of said individual user; and

said data worker being abstract from said data destination interface module.

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23. The individualized network information delivery system according to claim 22, further comprising:

a data destination filter functionally between said data worker module and said data destination interface module, said data destination filter determining a characteristic of content from a particular data source, and redirecting said content from said particular data source to said individual user only if certain criteria within said content has been met.

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24. The individualized network information delivery system according to claim 22, wherein:

said characteristic of said content is a change in said content.

25. The individualized network information delivery system according to claim 22, wherein:

said characteristic of said content is a change in a particular parameter of said content.

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26. A method of monitoring an information source for an individual user of a network, comprising:

generating an event listener abstract from a requesting destination device of said individual user, said event listener monitoring a particular data source for an occurrence of a particular event; and

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upon an occurrence of said particular event, directing content obtained from said data source to said requesting destination device.

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27. The method of monitoring an information source for an individual user of a network according to claim 26, wherein:

said network is a wireless network.

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28. The method of monitoring an information source for an individual user of a network according to claim 26, wherein:

said particular event is a change in content from said data source.

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29. The method of monitoring an information source for an individual user of a network according to claim 26, wherein:

said particular event is a presence of a particular parameter in said content from said data source.

30. A method of monitoring an information source for an individual user of a network, comprising:

generating an event listener abstract from a requesting destination device of said individual user, said event listener monitoring a particular data source; and

automatically periodically directing content obtained from said data source to said requesting destination device.

31. Apparatus for monitoring an information source for an individual user of a network, comprising:

means for generating an event listener abstract from a requesting destination device of said individual user, said means for generating said event listener monitoring a particular data source for an occurrence of a particular event; and

means for directing content obtained from said data source to said requesting destination device upon an occurrence of said particular event.

32. The apparatus for monitoring an information source for an individual user of a network according to claim 31, wherein:

said network is a wireless network.

33. The apparatus for monitoring an information source for an individual user of a network according to claim 31, wherein:

said particular event is a change in content from said data source.

34. The apparatus for monitoring an information source for an individual user of a network according to claim 31, wherein:

said particular event is a presence of a particular parameter in said content from said data source.

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35. Apparatus for monitoring an information source for an individual user of a network, comprising:

means for generating an event listener abstract from a requesting destination device of said individual user, said means for

10 generating said event listener monitoring a particular data source; and

means for automatically and periodically directing content obtained from said data source to said requesting destination device.

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